

Application No. 09/515,675

a lightconductor in a substantial plate form comprising a front face, a back face and side end faces,

light radiated from the light source and made incident on the one of the side end faces being output as a first diffused light having a directivity from a light outputting surface which is the front face;

at least one light diffusing sheet for receiving, on its face, the first diffused light output from the light outputting surface of the lightconductor, and outputting a second diffused light having a directivity from a light outputting surface of the diffusing sheet opposite to the face of the diffusing sheet, the light diffusing sheet shifts the direction of the maximum intensity of the second diffused light toward the direction of the normal standing on the light outputting surface of the diffusing sheet;

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a polarized beam splitting sheet which receives the second diffused light from the light outputting surface of the light diffusing sheet, through which one polarized light component of the second diffused light is transmitted, and on which the other polarized light component is reflected; and

a light reflecting sheet which is arranged on the back face of the lightconductor and is for reflecting a light into the lightconductor.

6. (Twice Amended) A back light device for a liquid crystal display apparatus comprising the back light device and a liquid crystal panel, wherein the back light device comprising a light source, a lightconductor in a substantial plate form comprising a front face, a back face and side end faces, light radiated from the light source and made incident on the one of the end side faces being output as a first diffused light having a directivity from a light outputting surface which is the front face, at least one light diffusing sheet for receiving, on its face, the first diffused light output from the light outputting surface of the lightconductor,

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and outputting a second diffused light having a directivity from a light outputting surface of the diffusing sheet opposite to the face of the diffusing sheet, the light diffusing sheet shifts the direction of the maximum intensity direction of the second diffused light toward the direction of the normal standing on the light outputting surface of the diffusing sheet, a polarized beam splitting sheet which receives the second diffused light from the light outputting surface of the light diffusing sheet, through which one polarized light component of the second diffused light is transmitted, and on which the other polarized light component is reflected, and a light reflecting sheet which is arranged on the back face of the lightconductor and is for reflecting a light into the lightconductor, and the liquid crystal panel is arranged at the light outputting surface side of the polarized beam splitting sheet of the back light device.

7. (Twice Amended) A back light device for a liquid crystal display apparatus according to claim 6, wherein the polarized beam splitting sheet is a laminated body having 3 or more layers wherein the layers adjacent to each other in its thickness direction have different refractive indexes; and one of incident P and S polarized light beams are transmitted through the sheet and the other is reflected on the sheet, thereby splitting both of the polarized light beams.

Please add new claims 11 and 12 as follows:

--11. A back light device for a liquid crystal display apparatus according to claim 1, wherein light diffusion effects of the first diffused light and the second diffused light caused by the lightconductor and the light diffusing sheet are different from each other.--

--12. A back light device for a liquid crystal display apparatus according to claim 1, wherein a light diffusion effect of the second diffused light caused by the light diffusing sheet is higher than a light diffusion effect of the first diffused light caused by the lightconductor.--